



ecology and environment, inc.

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International Specialists in the Environment

MEMORANDUM

Site:	Linwood Mining
ID #	IAD98085229
Break:	1.5
Other:	6-24-88

TO: Paul Doherty, RPO

THRU: John Caoile, FITOM *SPM for JC*

FROM: Michael McMenus, E & E/FIT

DATE: June 24, 1988

SUBJECT: Comments on the Reassessment of the Preliminary Assessment of
Unthum Trucking, in Buffalo, Iowa
TDD #F-07-8804-038 PAN #F07Z131PA
Superfund Contact: Peter Culver
CERCLIS # IAD980852297

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Superfund

INTRODUCTION

The Region VII U.S. Environmental Protection Agency (EPA) tasked the Ecology and Environment, Inc. Field Investigation Team (E & E/FIT) through Technical Directive Document (TDD) #F-07-8804-038 to conduct a preliminary assessment reevaluation of the Unthum Trucking site, located in Buffalo, Iowa.

SITE HISTORY

This site is situated directly over a mine called Linwood Quarry. In 1983 Unthum Trucking installed a private drinking water well on its property. The well was sampled by the company the same year and was found to contain 0.42 ppm lead, 0.36 ppm cadmium, 0.54 ppm chromium, 3.7 ppm copper, and 1.7 ppm vanadium. Further investigation indicated that the well had been drilled through a mine tunnel where coal ash and mine tailings had been disposed by Linwood Quarry. The Unthum well has since been recased to prevent further contamination. Piles of fly ash are exposed on the site surface.

RECOMMENDATIONS

It is recommended that a high priority SI be conducted to determine the nature and extent of ground water contamination in the area. The local geology is characterized by karst features and the potential for contaminant migration is high under these conditions. Because Linwood Quarry generated the waste, this company should be considered the responsible party. We suggest renaming the site to Linwood Quarry.